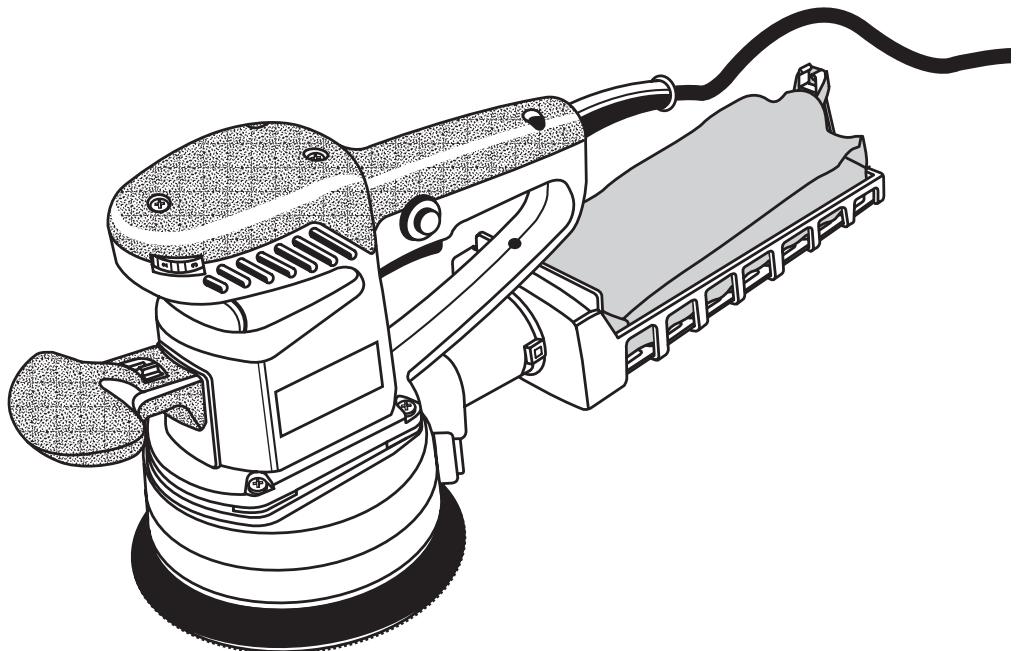


# OPERATOR'S MANUAL

## RANDOM ORBIT SANDER

### DOUBLE INSULATED VARIABLE SPEED

#### R2610



Your random orbit sander has been engineered and manufactured to our high standards for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

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#### **WARNING:**

To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

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Thank you for buying a RIDGID product.

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#### **SAVE THIS MANUAL FOR FUTURE REFERENCE**

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## **INTRODUCTION**

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This tool has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

# GENERAL SAFETY RULES

## **WARNING:**

**Read and understand all instructions.** Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

## SAVE THESE INSTRUCTIONS

### WORK AREA

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

### ELECTRICAL SAFETY

- Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. **Do not change the plug in any way.** Double insulation  eliminates the need for the three-wire grounded power cord and grounded power supply system.
- **Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators.** There is an increased risk of electric shock if your body is grounded.
- **Don't expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord.** Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges, or moving parts. **Replace damaged cords immediately.** Damaged cords increase the risk of electric shock.
- **When operating a power tool outside, use an outdoor extension cord marked "W-A" or "W".** These cords are rated for outdoor use and reduce the risk of electric shock.

### PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Dress properly. Do not wear loose clothing or jewelry. Contain long hair.** Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.

- **Avoid accidental starting.** Be sure switch is off before plugging in. Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.
- **Remove adjusting keys or wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- **Do not overreach.** Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
- **Use safety equipment. Always wear eye protection.** Dust mask, nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.
- **Do not wear loose clothing or jewelry. Contain long hair.** Loose clothes, jewelry, or long hair can be drawn into air vents.
- **Do not use on a ladder or unstable support.** Stable footing on a solid surface enables better control of the tool in unexpected situations.

### TOOL USE AND CARE

- **Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
- **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
- **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from power source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
- **Store idle tools out of the reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- **Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.
- **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
- **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may become hazardous when used on another tool.
- **Keep the tool and its handle dry, clean and free from oil and grease.** Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean your tool. Following this rule will reduce the risk of loss of control and deterioration of the enclosure plastic.

# GENERAL SAFETY RULES

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## SERVICE

- **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel may result in a risk of injury.

- **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

## SPECIFIC SAFETY RULES

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- **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will make exposed metal parts of the cutting tool "live" and shock the operator.
- **Know your power tool. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this tool.** Following this rule will reduce the risk of electric shock, fire, or serious injury.
- **Always wear safety glasses. Everyday eyeglasses have only impact-resistant lenses; they are NOT safety glasses.** Following this rule will reduce the risk of serious personal injury.
- **Protect your lungs. Wear a face or dust mask if the operation is dusty.** Following this rule will reduce the risk of serious personal injury.
- **Protect your hearing. Wear hearing protection during extended periods of operation.** Following this rule will reduce the risk of serious personal injury.
- **Inspect tool cords periodically and, if damaged, have repaired at your nearest authorized service center. Constantly stay aware of cord location.** Following this rule will reduce the risk of electric shock or fire.
- **Check damaged parts. Before further use of the tool, a guard or other part that is damaged should**

be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center. Following this rule will reduce the risk of shock, fire, or serious injury.

- **Make sure your extension cord is in good condition.** When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. A wire gauge size (A.W.G.) of at least 16 is recommended for an extension cord 50 feet or less in length. A cord exceeding 100 feet is not recommended. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.
- **Inspect for and remove all nails from lumber before using this tool.** Following this rule will reduce the risk of serious personal injury.
- **Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also.

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## ⚠ WARNING:

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

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# SYMBOLS

Some of the following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
min	Minutes	Time
~	Alternating Current	Type of current
==	Direct Current	Type or a characteristic of current
$n_0$	No Load Speed	Rotational speed, at no load
	Class II Construction	Double-insulated construction
.../min	Per Minute	Revolutions, strokes, surface speed, orbits etc., per minute
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Read The Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Eye Protection	Always wear safety goggles, safety glasses with side shields, or a full face shield when operating this product.
	Safety Alert	Precautions that involve your safety.
	No Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	No Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	No Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	No Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	Hot Surface	To reduce the risk of injury or damage, avoid contact with any hot surface.

# SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
!	<b>DANGER:</b>	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
!	<b>WARNING:</b>	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
!	<b>CAUTION:</b>	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	<b>CAUTION:</b>	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

## SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest **AUTHORIZED SERVICE CENTER** for repair. When servicing, use only identical replacement parts.

### ⚠ WARNING:

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the operator's manual. Save this operator's manual and review frequently for continuing safe operation and instructing others who may use this product.

### ⚠ WARNING:



The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles, safety glasses with side shields, or a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

## SAVE THESE INSTRUCTIONS

# ELECTRICAL

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## DOUBLE INSULATION

Double insulation is a concept in safety in electric power tools, which eliminates the need for the usual three-wire grounded power cord. All exposed metal parts are isolated from the internal metal motor components with protecting insulation. Double insulated tools do not need to be grounded.

### **WARNING:**

The double insulated system is intended to protect the user from shock resulting from a break in the tool's internal wiring. Observe all normal safety precautions to avoid electrical shock.

**NOTE:** Servicing of a tool with double insulation requires extreme care and knowledge of the system and should be performed only by a qualified service technician. For service, we suggest you return the tool to your nearest authorized service center for repair. Always use original factory replacement parts when servicing.

## ELECTRICAL CONNECTION

This tool has a precision-built electric motor. It should be connected to a **power supply that is 120 volts, 60 Hz, AC only (normal household current)**. Do not operate this tool on direct current (DC). A substantial voltage drop will cause a loss of power and the motor will overheat. If your tool does not operate when plugged into an outlet, double-check the power supply.

## EXTENSION CORDS

When using a power tool at a considerable distance from a power source, be sure to use an extension cord that has the capacity to handle the current the tool will draw. An undersized cord will cause a drop in line voltage, resulting in overheating and loss of power. Use the chart to determine the minimum wire size required in an extension cord. Only round jacketed cords listed by Underwriter's Laboratories (UL) should be used.

When working outdoors with a tool, use an extension cord that is designed for outside use. This type of cord is designated with "WA" on the cord's jacket.

Before using any extension cord, inspect it for loose or exposed wires and cut or worn insulation.

\*\*Ampere rating (on tool data plate)

	0-2.0	2.1-3.4	3.5-5.0	5.1-7.0	7.1-12.0	12.1-16.0
Cord Length	Wire Size (A.W.G.)					
25'	16	16	16	16	14	14
50'	16	16	16	14	14	12
100'	16	16	14	12	10	—

\*\*Used on 12 gauge - 20 amp circuit.

**NOTE:** AWG = American Wire Gauge

### **WARNING:**

Keep the extension cord clear of the working area. Position the cord so that it will not get caught on lumber, tools or other obstructions while you are working with a power tool. Failure to do so can result in serious personal injury.

### **WARNING:**

Check extension cords before each use. If damaged replace immediately. Never use tool with a damaged cord since touching the damaged area could cause electrical shock resulting in serious injury.

# FEATURES

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## PRODUCT SPECIFICATIONS

Sanding Disc Diameter.....	6 in. (15.2 cm)
Orbit Diameter .....	1/8 in. or 1/4 in. (3.2 mm or 6.4 mm)
No Load Speed .....	4,000 - 10,000/min
Input .....	120 Volts, 60 Hz, AC only, 3.8 Amps
Net Weight.....	6 lbs. (2.7 kg)

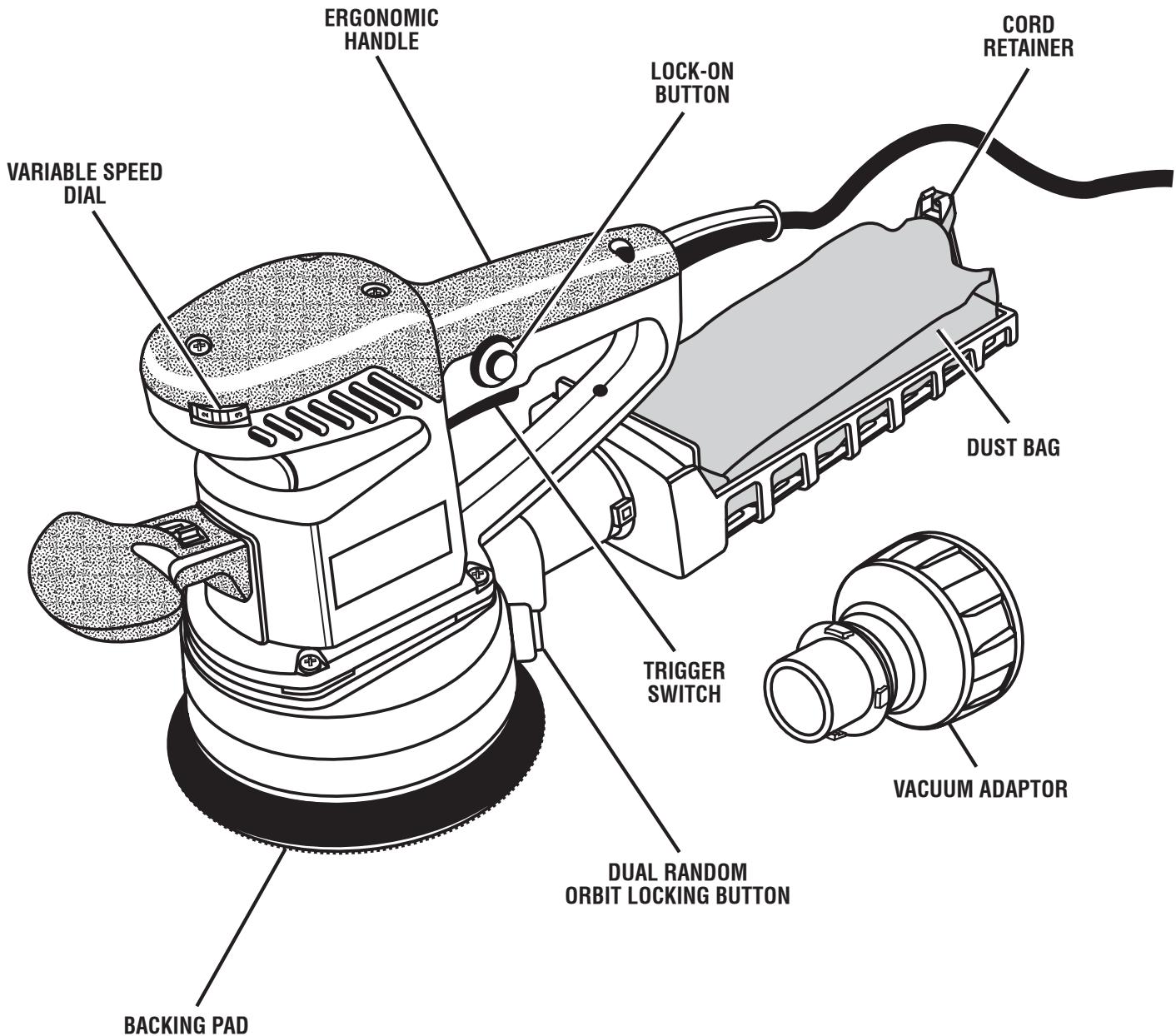


Fig. 1

# FEATURES

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## KNOW YOUR RANDOM ORBIT SANDER

*See Figure 1.*

Before attempting to use this product, familiarize yourself with all operating features and safety rules.

### SWITCH

The sander has a conveniently-located trigger switch.

### LOCK-ON

The lock-on feature allows you to lock the trigger switch in the **ON** position. Locking the trigger switch on allows you to operate the sander for extended periods of time.

### VARIABLE SPEED

The variable speed feature allows you to operate the sander at different speeds.

### BACKING PAD

The hook and loop backing pad allows you to attach sanding discs with Velcro® type backing material.

### DUAL RANDOM ORBIT

The random orbit motion provides overlapping sanding movements by combining orbital and turning motion. These overlapping sanding movements provide fast cutting action with excellent sanding results.

The dual random orbit allows you to choose between two orbits: the lower orbit setting produces a finer surface finish, while the higher orbit setting increases the removal rate.

## INTEGRATED BRAKE PAD

The integrated brake pad prevents pad “overspin,” which helps eliminate sanding scratches when you apply the sander to, or remove it from, a work surface.

### DUST BAG

The dust bag attaches to the sander and keeps dust to a minimum.

### VACUUM ADAPTOR

The vacuum adaptor allows you to connect to a 1-1/4 in. or 2-1/4 in. diameter vacuum hose to help keep the work area clean.

### ERGONOMIC DESIGN

The design of the random orbit sander provides for easy handling. It is designed for comfort and ease of grasp when operating in different positions and at different angles.

### CORD RETAINER

The power cord may be pressed into this retainer to keep the cord in place while the tool is in use.

# ASSEMBLY

## UNPACKING

This product has been shipped completely assembled.

- Carefully remove the tool and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the tool carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
- If any parts are damaged or missing, please call 1-866-539-1710 for assistance.

## PACKING LIST

Random Orbit Sander  
Sanding Disc, 80-grit (3)  
Cloth Dust Bag (1)  
Dust Bag Support (1)  
Vacuum Adaptor  
Hex Key  
Operator's Manual  
Warranty Registration Card

### ⚠ WARNING:

If any parts are missing do not operate the tool until the missing parts are replaced. Failure to do so could result in possible serious personal injury.

### ⚠ WARNING:

Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

### ⚠ WARNING:

Do not attempt to modify this tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

# OPERATION

### ⚠ WARNING:

Do not allow familiarity with tools to make you careless. Remember that a careless fraction of a second is sufficient to inflict severe injury.

### ⚠ WARNING:

Always wear safety goggles or safety glasses with side shields when operating tools. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

### ⚠ WARNING:

Do not use any attachments or accessories not recommended by the manufacturer of this tool. The use of attachments or accessories not recommended can result in serious personal injury.

### ⚠ WARNING:

Failure to unplug the tool could result in accidental starting causing possible serious injury.

## APPLICATIONS

You may use this tool for the purposes listed below:

- Sanding wood or wood product surfaces.
- Sanding steel surfaces.
- Removing rust from steel surfaces.

## ADJUSTING THE HANDLE

*See Figure 2.*

To adjust the handle:

- Unplug the sander.
- Loosen and remove the handle by turning the dial counterclockwise.
- Move the handle to the desired position.
- Tighten the handle by turning the dial clockwise.

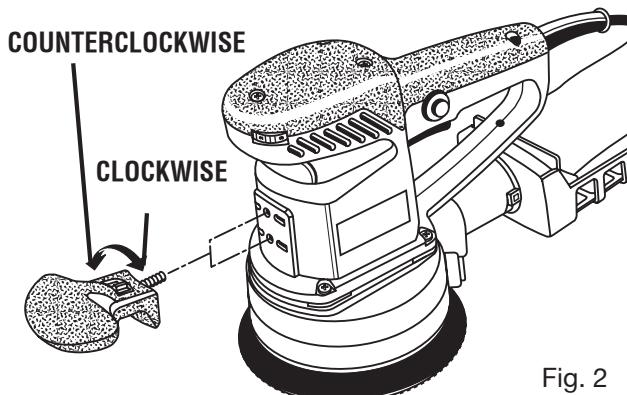


Fig. 2

# OPERATION

## ADJUSTING THE ORBIT DIAMETER

See Figure 3.

To adjust the orbit diameter:

- Unplug the sander.
- Press and hold the locking button.
- Turn the backing pad counterclockwise until the button locks into position.
- Turn the backing pad an additional 180° until you can feel the backing pad lock into position.
- Release the locking button.

**NOTE:** To determine the orbit of the sander, rotate the backing pad counterclockwise with your hand and look down on the sander from directly above the motor housing. If you can see the red backing pad top, the orbit is 1/4 in. If you cannot see the red backing pad top, the orbit is 1/8 in.

COUNTERCLOCKWISE

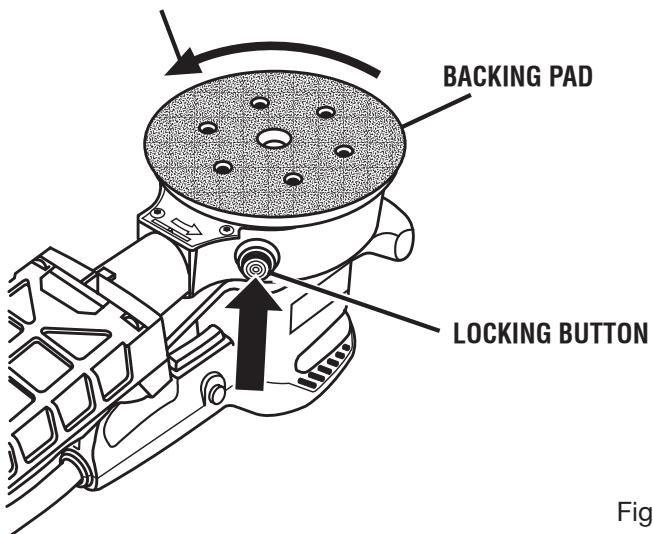


Fig. 3

## ADJUSTING THE SPEED

See Figure 4.

Adjust the speed by rotating the speed selection dial. The dial is conveniently located on the motor housing.

To adjust the speed:

- Unplug the sander.
- Choose one of these options:
  - *Increase the speed:* Turn the dial to a higher setting.
  - *Decrease the speed:* Turn the dial to a lower setting.

Recommended speed settings are as follows:

Speed	Surface/Application
-------	---------------------

1 - 3	plastic, plexiglass
3 - 4	metal finishing, old paint removal
5 - 6	wood/coarse and fine sanding

TO INCREASE SPEED

TO DECREASE SPEED

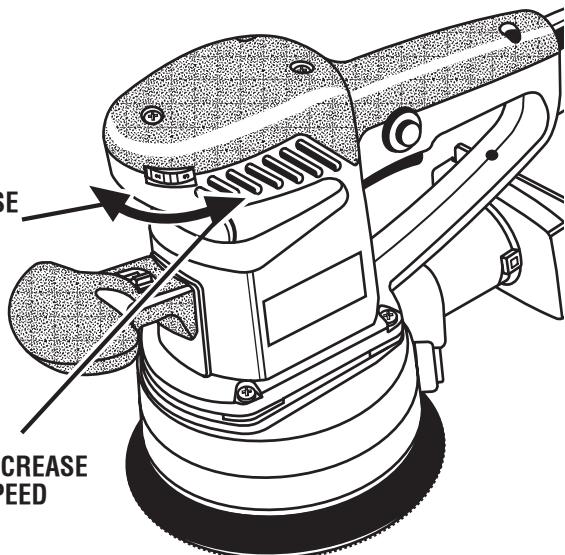


Fig. 4

## ATTACHING VELCRO® SANDING DISCS

See Figure 5.

To attach Velcro sanding discs:

- Unplug the sander.
- Align the holes in the sanding disc with the holes in the hook and loop backing pad.
- Press the sanding disc against the backing pad as firmly as possible.

**NOTE:** To provide for best adhesion, we recommend that you clean the backing pad and the sanding disc backing occasionally by brushing them lightly with a small brush.

SANDING

HOOK AND LOOP

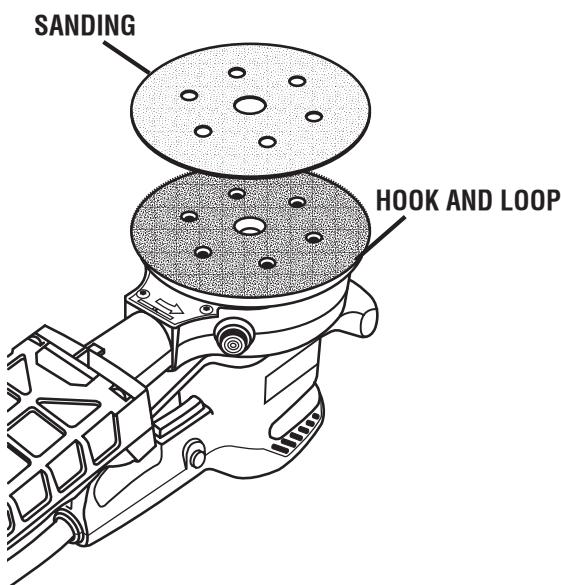


Fig. 5

# OPERATION

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## ATTACHING THE DUST BAG

See Figure 6.

The dust bag provides a dust collection system for the sander. Sanding dust is drawn up through the holes of the sanding disc and collected in the dust bag during sanding.

To attach the dust bag:

- Unplug the sander.
- Fit the front tabs on the dust bag into the slots in the front of the dust bag support.
- Press the the dust bag into the hole of the dust bag support.
- Fit the elastic band on the dust bag over the tab of the dust bag support.
- Slide the dust bag support onto the blower exhaust using a slight twisting motion.

## CORD RETAINER

See Figure 6.

At the rear of the Plastic dust bag holder is a cord retainer. The power cord may be pressed into this retainer to keep the cord in place while the tool is in use.

## ATTACHING THE SANDER TO A VACUUM

See Figure 7.

To attach the sander to a vacuum:

- Unplug the sander.
- Remove the dust bag from the sander.
- Attach the vacuum adaptor to the blower exhaust on the sander.
- Attach the vacuum hose to the vacuum adaptor.

## TURNING ON/OFF THE SANDER

See figure 8.

To turn on/off the sander:

- *Turn on the sander:* Press the trigger switch.
- *Turn off the sander:* Release the trigger switch.

## LOCKING ON THE SANDER

See Figure 8.

The lock-on feature allows you to lock the trigger switch in the On position. Locking the trigger switch on allows you to operate the sander for extended periods of time.

If you have the lock-on feature engaged during use and the sander is accidentally disconnected from the power supply, disengage the lock-on feature immediately. Also, do not lock the trigger switch if you might need to suddenly stop the sander.

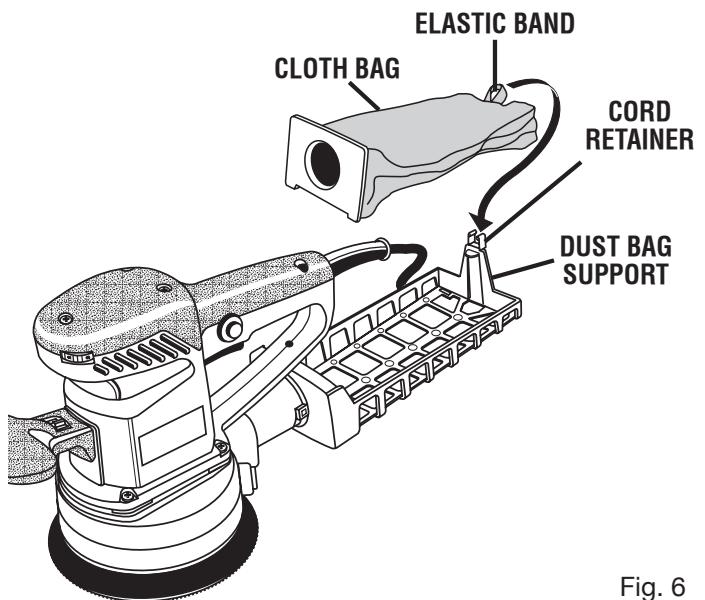


Fig. 6

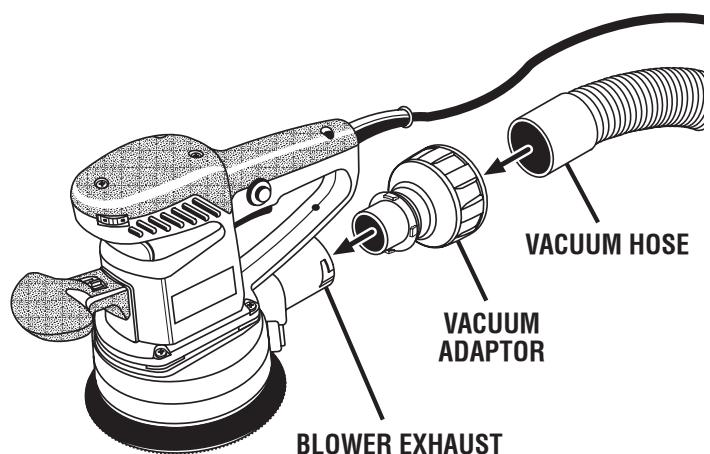


Fig. 7

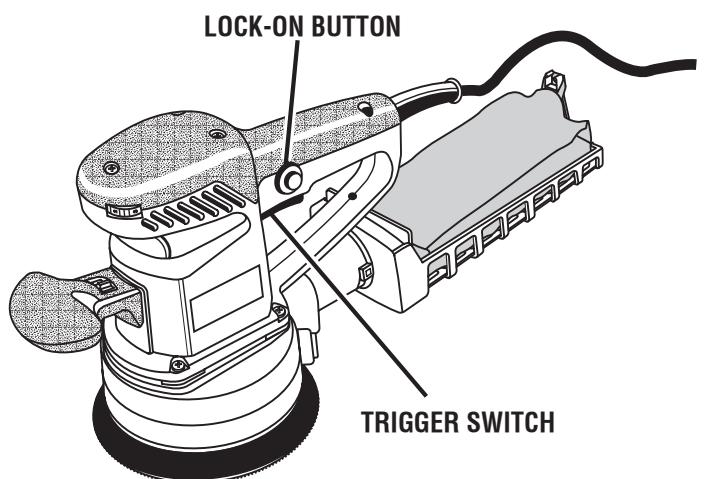


Fig. 8

# OPERATION

## ⚠ WARNING:

Before connecting the sander to a power supply, make sure it is not in the locked-on position. Failure to do so could result in accidental starting of the tool resulting in serious injury.

To lock on the sander:

- Depress the trigger switch.
- Push in the lock-on button.
- Release the trigger switch.
- Release the lock-on button.

**NOTE:** To release the lock, depress the trigger switch.

## OPERATING THE SANDER

*See Figure 9.*

To operate the sander:

- Secure the workpiece to prevent it from moving under the sander.

## ⚠ WARNING:

Unsecured workpieces could be thrown towards the operator causing injury.

## ⚠ WARNING:

Keep your head away from the sander and the sanding area. Your hair could be drawn into the sander causing serious injury.

- Place the sander on the workpiece so that all of the sanding disc surface is in contact with the workpiece.

## CAUTION:

Be careful not to let your hand cover the air vents.

- Turn on the sander and move it slowly over the workpiece.
- Make successive passes in parallel lines, circles, or crosswise movements.
- Turn off the sander and wait until the sanding disc comes to a complete stop before removing it from the workpiece.

## EMPTYING THE DUST BAG

*See Figure 10.*

For more efficient operation, empty the dust bag when it is no more than half full. This will permit the air to flow through the bag better. Always empty and clean the dust bag thoroughly upon completion of a sanding operation and before placing the sander in storage.

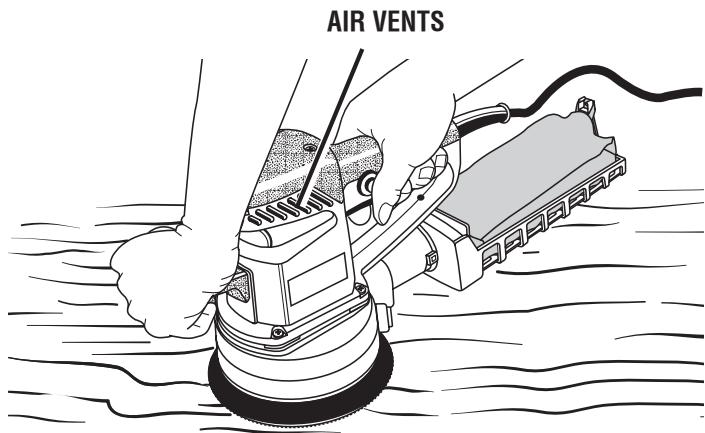


Fig. 9

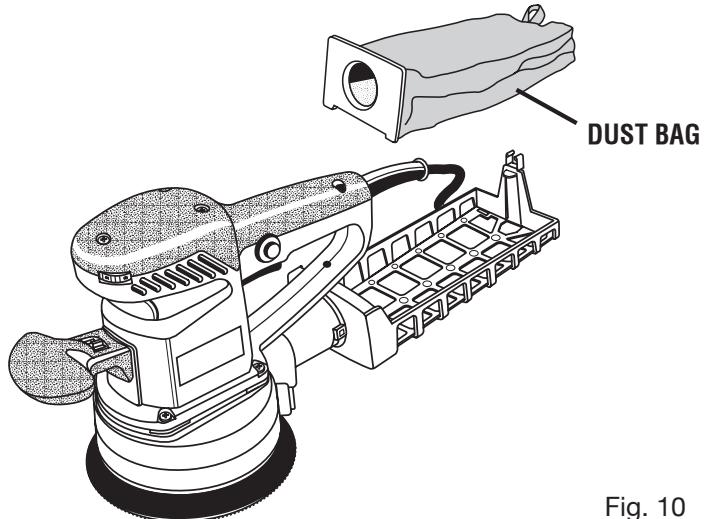


Fig. 10

## ⚠ WARNING:

Collected sanding dust from sanding surface coatings such as polyurethanes, linseed oil, etc. can self-ignite in the sander dust bag or elsewhere and cause fire. To reduce the risk of fire always empty the dust bag frequently (10-15 minutes) while sanding and never store or leave a sander without totally emptying its dust bag. Also follow the recommendations of the coatings manufacturers.

To empty the dust bag:

- Unplug the sander.
- Remove the dust bag from the sander.
- Remove the dust bag from the dust bag support.
- Unzip the dust bag.
- Shake out the dust.
- Install the dust bag on the dust bag support. Refer to "Attaching the Dust Bag" earlier in this manual.
- Attach the dust bag support to the sander.

# MAINTENANCE

## ⚠ WARNING:

When servicing use only identical RIDGID® replacement parts. Use of any other parts may create a hazard or cause product damage.

## ⚠ WARNING:

The random orbit sander should never be connected to a power supply when you are assembling parts, making adjustments, cleaning, performing maintenance, or when the tool is not in use. Disconnecting the tool will prevent accidental starting that could cause serious injury.

## General

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, carbon dust, etc.

## ⚠ WARNING:

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. come in contact with plastic parts. They contain chemicals that can damage, weaken, or destroy plastic.

Electric tools used on fiberglass material, wallboard, spackling compounds, or plaster are subject to accelerated wear and possible premature failure because the fiberglass chips and grindings are highly abrasive to bearings, brushes, commutators, etc. Consequently, we do not recommend using this tool for extended work on these types of materials. However, if you do work with any of these materials, it is extremely important to clean the tool using compressed air.

## ⚠ WARNING:

Always wear safety goggles or safety glasses with side shields during power tool operation or when blowing dust. If operation is dusty, also wear a dust mask.

## Lubrication

All of the bearings in this tool are lubricated with a sufficient amount of high grade lubricant for the life of the tool under normal operating conditions. Therefore, no further lubrication is required.

## Brush Replacement

See Figure 11.

- Unplug the sander.

## ⚠ WARNING:

Failure to unplug the tool could result in accidental starting causing possible serious injury.

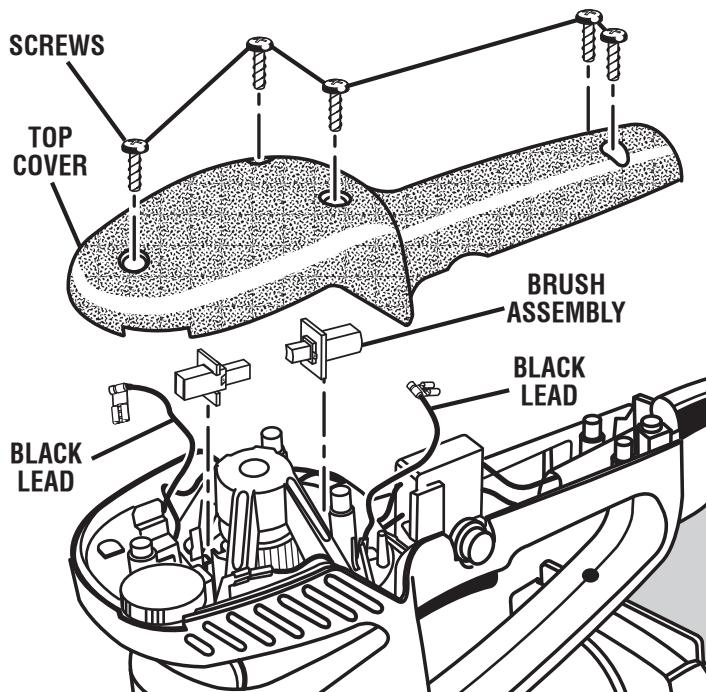


Fig. 11

- Remove screws (5) from top cover of sander.
- Remove top cover.
- Disconnect black lead terminals from brush tubes.
- Remove brush assemblies (2).
- Check for wear. Replace both brush assemblies when either has less than 1/4 in. length of carbon remaining. Do not replace one side without replacing the other.
- Reassemble using new brush assemblies. Make sure curvature of brush matches curvature of motor and that brush moves freely in brush tube.
- Reassemble by reversing the steps listed above.
- Tighten all screws securely. **Do not** over tighten.

# **WARRANTY**

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## **RIDGID® HAND HELD AND STATIONARY POWER TOOL 3 YEAR LIMITED SERVICE WARRANTY**

Proof of purchase must be presented when requesting warranty service.

Limited to RIDGID® hand held and stationary power tools purchased 2/1/04 and after. This product is manufactured by One World Technologies, Inc. The trademark is licensed from RIDGID, Inc. All warranty communications should be directed to One World Technologies, Inc., attn: RIDGID Hand Held and Stationary Power Tool Technical Service at (toll free) 1-866-539-1710.

### **90-DAY SATISFACTION GUARANTEE POLICY**

During the first 90 days after the date of purchase, if you are dissatisfied with the performance of this RIDGID® Hand Held and Stationary Power Tool for any reason you may return the tool to the dealer from which it was purchased for a full refund or exchange. To receive a replacement tool you must present proof of purchase and return all original equipment packaged with the original product. The replacement tool will be covered by the limited warranty for the balance of the 3 YEAR service warranty period.

### **WHAT IS COVERED UNDER THE 3 YEAR LIMITED SERVICE WARRANTY**

This warranty on RIDGID® Hand Held and Stationary Power Tools covers all defects in workmanship or materials and normal wear items such as brushes, chucks, motors, switches, cords, gears and even cordless batteries in this RIDGID® tool for three years following the purchase date of the tool. Warranties for other RIDGID® products may vary.

### **HOW TO OBTAIN SERVICE**

To obtain service for this RIDGID® tool you must return it; freight prepaid, or take it in to an authorized service center for RIDGID® branded hand held and stationary power tools. You may obtain the location of the authorized service center nearest you by calling (toll free) 1-866-539-1710 or by logging on to the RIDGID® website at [www.ridgid.com](http://www.ridgid.com). When requesting warranty service, you must present the original dated sales receipt. The authorized service center will repair any faulty workmanship, and either repair or replace any part covered under the warranty, at our option, at no charge to you.

### **WHAT IS NOT COVERED**

This warranty applies only to the original purchaser at retail and may not be transferred. This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse, neglect, alteration, modification or repair by other than an authorized service center for RIDGID® branded hand held and stationary power tools. Consumable accessories provided with the tool such as, but not limited to, blades, bits and sand paper are not covered.

**RIDGID, INC. AND ONE WORLD TECHNOLOGIES, INC.  
MAKE NO WARRANTIES, REPRESENTATIONS OR  
PROMISES AS TO THE QUALITY OR PERFORMANCE  
OF ITS POWER TOOLS OTHER THAN THOSE SPECIFI-  
CALLY STATED IN THIS WARRANTY.**

### **ADDITIONAL LIMITATIONS**

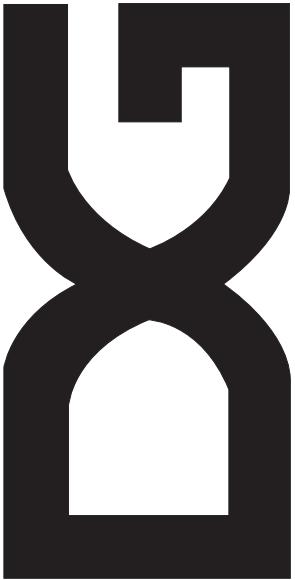
To the extent permitted by applicable law, all implied warranties, including warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, are disclaimed. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, that cannot be disclaimed under state law are limited to three years from the date of purchase. One World Technologies, Inc. and RIDGID, Inc. are not responsible for direct, indirect, incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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**One World Technologies, Inc.**

Hwy. 8  
Pickens, SC 29671

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# OPERATOR'S MANUAL

## RANDOM ORBIT SANDER

### DOUBLE INSULATED

### VARIABLE SPEED

### R2610

#### **Customer Service Information:**

For parts or service, contact your nearest RIDGID authorized service center. Be sure to provide all relevant information when you call or visit. For the location of the authorized service center nearest you, please call 1-866-539-1710 or visit us online at [www.ridgid.com](http://www.ridgid.com).

The model number of this tool is found on a plate attached to the motor housing. Please record the serial number in the space provided below. When ordering repair parts, always give the following information:

**Model No.** R2610

**Serial No.** \_\_\_\_\_